

Gregory V. Jones, Ph.D.

Associate Professor of Geography

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Education

Ph.D. and B.A. – Environmental Sciences (concentration in Climatology), University of Virginia, Charlottesville, VA, September 1991 to September 1997. Ph.D. awarded January 1998. Dissertation: *Synoptic Climatological Assessment of Viticultural Phenology* (Dr. Robert E. Davis, Advisor).

Teaching

Associate Professor, Southern Oregon University, Ashland, OR Physical Geography, Weather and Climate, Climatology, Research Methods, Quantitative Methods for Geographers, Global Change Issues, Geography of Latin America, Map Analysis, Cartography, Geographic Information Systems. 1997-present, promoted to Associate Professor Fall 2000.

Research

Gregory V. Jones is a research climatologist at Southern Oregon University. His research interests include climatology, hydrology, and agriculture; phenology of plant systems; biosphere and atmosphere interactions; climate change; and quantitative methods in spatial and temporal analysis. He has published numerous articles in the areas of climate variability and change in *Climate Research*, *Journal of Coastal Research*, *Journal of Climate*, *Climatic Change*, and *The International Journal of Climatology*. He has also presented research at numerous regional, national, and international conferences on climate-related issues.

Awards:

The Oenometrics Prize of the Vintage Data Quantification Society – “Prix d’Ajaccio.” “Using weather data to predict the phenologic development of the vine and wine quality.” Orley Ashenfelter, Princeton University and Greg Jones, Southern Oregon University. VDQS Annual Meeting, d’Ajaccio, Corsica, France. October, 1998.

Phi Kappa Phi 2001 Faculty Scholarship/Artist Award, The Honor Society of Phi Kappa Phi, Southern Oregon University Chapter, April 2001.

The Oenometrics Prize of the Vintage Data Quantification Society – “Prix de Bourgogne.” “Climate and Wine: Quality Issues in a Warmer World.” Greg Jones, Southern Oregon University. VDQS Annual Meeting, Dijon, France. May 2004.

Environmental Systems Research Institute (ESRI), International competition in “Best Practices in Science Modeling Challenge” (Second Place) – “Modeling Viticulture Landscapes: A GIS Analysis of the Viticulture Potential in the Rogue Valley, Oregon.” Greg Jones and Andrew Duff – Southern Oregon University. July 2004.

Professional Affiliations:

Association of American Geographers since 1993.

American Meteorological Society since 1993.

International Society of Biometeorology since 1995.

Sigma Xi since 1993, local chapter Vice President, 1999-00, President, 2000-01.

American Society of Enology and Viticulture, since 1999.

Oregon Horticultural Society since 2000.

Oregon Winegrape Growers Association since 1997.

American Geophysical Union since 2004.

Abbreviated List of Relevant Publications:

Jones, G. V. (1999). **“Relationships between Grapevine Phenology, Composition, and Wine Quality for Bordeaux, France,”** *Arboreta Phaenologica*, Information of the Working Group of International Phenological Gardens, Humboldt-University of Berlin, February, 1999, 42:3-7.

Jones, G. V. and Davis, R. E. (2000). **“Using A Synoptic Climatological Approach to Understand Climate/Viticulture Relationships,”** *International Journal of Climatology*, 20:813-837.

Jones, G. V. and Davis, R. E. (2000). **“Climate Influences on Grapevine Phenology, Grape Composition, and Wine Production and Quality for Bordeaux, France,”** *American Journal of Viticulture and Enology*, 51, No.3:249-261.

Jones, G. V. and Storchmann, K-H. (2001). **“Wine market prices and investment under uncertainty: an econometric model for Bordeaux Crus Classés,”** *Agricultural Economics*, 26:115-133.

Nemani, R. R., White, M. A., Cayan, D. R., Jones, G. V., Running, S. W., and J. C. Coughlan, (2001). **"Asymmetric climatic warming improves California vintages."** *Climate Research*, Nov. 22, 19(1):25-34.

Jones, G.V. (2004). **"Climate and Terroir: Impacts of Climate Variability and Change on Wine"**. *GeoScience Canada*, Terroir Series (in press Fall 2004).

Jones, G.V., Nelson, P. and Snead, N. (2004). **"Modeling Viticultural Landscapes: A GIS Analysis of the Terroir Potential in the Umpqua Valley of Oregon"**. *GeoScience Canada*, (in press Summer 2004).

Jones, G.V., White, M.A., Cooper, O.R., and Storchmann, K., (2004). **"Climate Change and Global Wine Quality"**. *Climatic Change*, (in press Fall 2004).

"Oregon Viticulture", Edward Hellman, Editor, 5th Edition. Lead author of two chapters **"Site Assessment,"** and **"Oregon Winegrowing Regions"** OSU Press. 2003.

"Phenology: An Integrative Environmental Science" 1st Edition, Mark D. Schwartz, Editor. Author of chapter on **"Applications of Phenology: Phenology and Viticulture"** Kluwer Press, 2003.

Jones, G. V. and Light, S. (2001). **"Site Characteristics of Vineyards in the Rogue and Applegate Valley American Viticultural Areas."** Open Report to the Oregon Wine Advisory Board and the Rogue Chapter of the Oregon Winegrape Growers Association. 55 pp.

Jones, G. V. (2003). **"Umpqua Valley AVA: A GPS and GIS Vineyards Mapping and Analysis of Varietal, Climate, Landscape, and Management Characteristics."** Open Report to the Oregon Wine Advisory Board and the Umpqua Chapter of the Oregon Winegrape Growers Association. 65 pp.

Jones, G. V. (2004). **"Making Wine in a Changing Climate."** *Geotimes*, August 2004, Vol. 50, No. 7, pp. 22-27.

Jones, G. V. (2005). **"How Hot is Too Hot."** *Wine Business Monthly*, to appear in the January 2005 issue.

Jones, G.V., **"Climate change in the western United States grape growing regions"**. Proceedings of the 7th International Symposium on Grapevine Physiology and Biotechnology. Davis, California, June 2004. In press: *Acta Horticulturae*.

Jones, G.V., White, M.A., Cooper, O.R., and Storchmann, K-H., **"Climate and Wine: Quality Issues in a Warmer World"**. Proceedings of the Vineyard Data Quantification Society's 10th Econometrics Meeting (in press). Dijon, France, May 2004.

Jones, G.V., White, M.A., Cooper, O.R., and Storchmann, K., **"Climate Change and Global Wine Quality."** *Climatic Change*, In press December 2005 issue.